

SHRAVAN K S

SOFTWARE ENGINEER

shravanksubrahmanya@gmail.com | +91 9481440309 | [in LinkedIn](#) | [GitHub](#) | [portfolio](#) | [M Medium](#)

Software Engineer with full-stack expertise in React.js, Python, and Azure cloud services. Experienced in developing serverless solutions that integrate automation and AI workflows using Semantic Kernel, LangChain, Azure AI Services, and OpenAI. Skilled at using modern frameworks to streamline processes and improve operations.

AREA OF EXPERTISE

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|-----------------------------|--------------------------|-------------------|---------------------|
| • React.js | • Python | • Langchain | • Node.js |
| • Azure Solutions Developer | • Full-Stack Development | • Semantic-Kernel | • Azure AI Services |

PROFESSIONAL EXPERIENCE

Software Engineer, Donyati India Private Ltd Sept 2023 - Present

- **Project title: DoAssist** - an internal AI-powered platform using a serverless Azure architecture, enhancing automation and productivity.
 - Developed a React.js frontend on Azure Static Web App and a Python backend on Azure Functions/Custom APIs, reducing development time by 30%.
 - Engineered AI workflows using Semantic Kernel, LangChain, Azure AI Services, and OpenAI—accelerating development by 50%—and integrated Azure Cosmos DB and Storage Account, boosting data retrieval by 30%.
 - Led 80% of the development, enabling internal adoption and securing two additional client projects, including a 50-file RAG Engine for Adecco.
- **Project: HR Recruitment Process (Adecco Demonstration)**
 - Developed an AI-driven recruitment platform using FastAPI (Azure Web App) and Azure OpenAI Services to automate resume analysis, reducing manual screening by 60%. Built the React.js frontend (Azure Static Web App) and contributed 70% to backend development, implementing the AI engine for job matching.
- **Project: SkyAI – Skyward Specialty Insurance**
 - Developed interactive web pages for Skyward Specialty Insurance using JavaScript, DevExtreme, HTML, and CSS; deployed on Power Pages for reliable performance.

Software Engineer Intern, Centre for Smart Governance Feb 2023 - May 2023

- **Project: New Gandhi Sakchi Kayaka (NGSK) – Govt. of Karnataka**
 - As a Full-Stack Developer Intern at the Centre for Smart Governance Karnataka, contributed to NGSK—a tender management project—by developing key modules using ASP.NET, C#, MS-SQL, AJAX, and JavaScript, with almost 40% of the work focused on Admin Login development to streamline administrative workflows.

Operations Executive, Infosys Ltd. Mysore June 2019 - Nov 2020

- **Project: Job Monitoring Dashboard – SunTrust Bank (Infosys Limited)**
 - Developed a Power Pages dashboard with grid-based sorting, filtering, and status checks for SunTrust Bank using JavaScript, HTML, and CSS, integrating bank APIs and implementing automated email alerts for failed jobs, increasing monitoring ease by 30%.

EDUCATION

Master of Computer Applications (MCA) Feb 2022 - Aug 2023

Ramaiah Institute of Technology (Visvesvaraya Technological University). GPA: 9.2/10

- Research and Project on **Intelligent Vulnerability Detection and Response System**. ([Link](#))

Bachelor of Computer Applications (BCA) Jun 2016 - May 2019

Alva's Degree College, Moodabidri (Mangalore University) GPA: 7.4/10

- Project on **Online Events Ticket Selling App** ([Link](#))

ADDITIONAL INFORMATION

- **Interests:** Reading, Writing Blogs, Fitness, Guitar.
- **Certifications:** Microsoft Certified Azure Developer Associate (AZ-204) ([Link](#)), Problem Solving (Intermediate) ([Link](#))
- Checkout my blogs on **Medium** ([Link](#))
- checkout my LinkedIn profile **Linkedin** ([Link](#))
- Check out 15+ projects on my **GitHub** ([Link](#))